



**DEPARTMENT OF PERMITTING, ENVIRONMENT, AND REGULATORY  
AFFAIRS (PERA)  
BOARD AND CODE ADMINISTRATION DIVISION  
NOTICE OF ACCEPTANCE (NOA)**

**MIAMI-DADE COUNTY  
PRODUCT CONTROL SECTION**

11805 SW 26 Street, Room 208  
Miami, Florida 33175-2474  
T (786) 315-2590 F (786) 315-2599

[www.miamidade.gov/pera/](http://www.miamidade.gov/pera/)

**Efco Corporation**

1000 County Road, P.O. Box 609  
Monett, MO 65708-0609

**SCOPE:**

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County PERA - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. PERA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

**DESCRIPTION: Series "5600 - 7" Deep Frame" Aluminum Curtain Wall System - S.M.I.**

**APPROVAL DOCUMENT:** Drawing No. 1092, titled "7" Deep Series 5600 Small Missile Impact Curtain Wall System", sheets 1 through 9 of 9, dated 01/31/02, revision C1 dated 09/30/11, prepared by W.W. Schaefer Engineering & Consulting, P.A., signed and sealed by Warren W. Schaefer, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

**MISSILE IMPACT RATING: Small Missile Impact Resistant**

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

**RENEWAL** of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises and renews NOA # 07-0305.07 and consists of this page 1 and evidence pages E-1, E-2, E-3, E-4 and E-5, as well as approval document mentioned above.

The submitted documentation was reviewed by **Manuel Perez, P.E.**

**MIAMI-DADE COUNTY  
APPROVED**

**NOA No. 11-1027.21  
Expiration Date: June 27, 2017  
Approval Date: February 16, 2012  
Page 1**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.
2. Drawing No. **1092**, titled "7" Deep Series 5600 Small Missile Impact Curtain Wall System", sheets 1 through 9 of 9, dated 01/31/02, with revision C1 dated 09/30/11, prepared by W.W. Schaefer Engineering & Consulting, P.A., signed and sealed by Warren W. Schaefer, P.E.

**B. TESTS**

1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94  
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94  
3) Water Resistance Test, per FBC, TAS 202-94  
4) Small Missile Impact Test per FBC, TAS 201-94  
5) Large Missile Impact Test per FBC, TAS 201-94  
6) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
along with installation diagram of a multiple span EFCO S5600 - **8" deep** outsize glazed aluminum curtain wall system 202" wide x 341" high x 64" return, specimen # **1 (A-A1)**, Glass types: **1, 2, 4, 5, 6A & 8**, marked-up by Hurricane Test Laboratory, Inc. Test Report No. **HTL-0046-0413-01**, dated 2/16-19/01, signed and sealed by Vinu J. Abraham, P.E.  
*(Submitted under previous NOA# 05-1212.13)*
2. Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94  
2) Large Missile Impact Test per FBC, TAS 201-94  
3) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
along with installation diagram of a single span EFCO S5600 - **8" deep** outsize glazed aluminum curtain wall system 181-1/2" wide x 150" high, specimen # **9 (B1)**, Glass types: **3 & 5**, marked-up by Hurricane Test Laboratory, Inc. Test Report No. **HTL-0046-0816-01**, dated 8/24-27/01, signed and sealed by Vinu J. Abraham, P.E.  
*(Submitted under previous NOA# 05-1212.13)*
3. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94  
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94  
3) Water Resistance Test, per FBC, TAS 202-94  
4) Large Missile Impact Test per FBC, TAS 201-94  
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
along with installation diagram of a single span EFCO S5600 - **8" deep** outsize glazed aluminum curtain wall system 181-1/2" wide x 121-3/4" high, specimen # **3 (B3)**, Glass types: **6 & 7**, marked-up by Hurricane Test Laboratory, Inc. Test Report No. **HTL-0046-0816-01**, dated 8/14-15/01, signed and sealed by Vinu J. Abraham, P.E.  
*(Submitted under previous NOA# 05-1212.13)*



Manuel Perez, P.E.  
Product Control Examiner  
NOA No. 11-1027.21

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**B. TESTS (CONTINUED)**

4. Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94  
2) Large Missile Impact Test per FBC, TAS 201-94  
3) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
along with installation diagram of a single span EFCO S5600 – 7” deep outsize glazed aluminum curtain wall system 181-1/2” wide x 121-3/4” high, specimen # 6 (C), Glass types: 1, 3A & 4, marked-up by Hurricane Test Laboratory, Inc. Test Report No. HTL-0046-0413-01, dated 4/26-27/01, signed and sealed by Vinu J. Abraham, P.E.  
*(Submitted under previous NOA# 05-1212.13)*
5. Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94  
2) Large Missile Impact Test per FBC, TAS 201-94  
3) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
along with installation diagram of a single span EFCO S5600 – 6” deep outsize glazed aluminum curtain wall system 181-1/2” wide x 169-1/4” high, specimen # 2 (D), Glass types: 1, 4 & 5, marked-up by Hurricane Test Laboratory, Inc. Test Report No. HTL-0046-0816-01, dated 8/13-16/01, signed and sealed by Vinu J. Abraham, P.E.  
*(Submitted under previous NOA# 05-1212.13)*
6. Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94  
2) Large Missile Impact Test per FBC, TAS 201-94  
3) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
along with installation diagram of a single span EFCO S5600 – 8” deep outsize glazed aluminum curtain wall system 181-1/2” wide x 121-3/4” high, specimen # 4 (E), Glass type: 5, marked-up by Hurricane Test Laboratory, Inc. Test Report No. HTL-0046-0816-01, dated 8/16-17/01, signed and sealed by Vinu J. Abraham, P.E.  
*(Submitted under previous NOA# 05-1212.13)*
7. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94  
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94  
3) Water Resistance Test, per FBC, TAS 202-94  
4) Small Missile Impact Test per FBC, TAS 201-94  
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
along with installation diagram of a single span EFCO S5600 – 8” deep outsize glazed aluminum curtain wall system 181-1/2” wide x 121-3/4” high, specimen # 1 (F), Glass type: 2, marked-up by Hurricane Test Laboratory, Inc. Test Report No. HTL-0046-0517-01, dated 5/11-17/01, signed and sealed by Vinu J. Abraham, P.E.  
*(Submitted under previous NOA# 05-1212.13)*

  
Manuel Perez, P.E.  
Product Control Examiner

NOA No. 11-1027.21


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**B. TESTS (CONTINUED)**

8. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94  
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94  
3) Water Resistance Test, per FBC, TAS 202-94  
4) Small Missile Impact Test per FBC, TAS 201-94  
5) Large Missile Impact Test per FBC, TAS 201-94  
6) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
along with installation diagram of a single span EFCO S5600 – 8" deep outsize glazed aluminum curtain wall system 181-1/2" wide x 116" high, specimen # **5 (G)**, Glass types: **2, 4 & 5**, marked-up by Hurricane Test Laboratory, Inc. Test Report No. **HTL-0046-0816-01**, dated 8/20/01, signed and sealed by Vinu J. Abraham, P.E.  
*(Submitted under previous NOA# 05-1212.13)*
9. Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94  
2) Large Missile Impact Test per FBC, TAS 201-94  
3) Small Missile Impact Test per FBC, TAS 201-94  
4) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
along with installation diagram of a single span EFCO S5600 – 8" deep outsize glazed aluminum curtain wall system 181-1/2" wide x 150" high, specimen # **6b (H)**, Glass types: **2, 4 & 5**, marked-up by Hurricane Test Laboratory, Inc. Test Report No. **HTL-0046-0816-01**, dated 8/21-23/01, signed and sealed by Vinu J. Abraham, P.E.  
*(Submitted under previous NOA# 05-1212.13)*
10. Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94  
2) Large Missile Impact Test per FBC, TAS 201-94  
3) Small Missile Impact Test per FBC, TAS 201-94  
4) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
along with installation diagram of a single span EFCO S5600 – 6" deep outsize glazed aluminum curtain wall system 181-1/2" wide x 98" high, specimen # **8 (J)**, Glass types: **1, 2 & 5**, marked-up by Hurricane Test Laboratory, Inc. Test Report No. **HTL-0046-0816-01**, dated 8/23-24/01, signed and sealed by Vinu J. Abraham, P.E.  
*(Submitted under previous NOA# 05-1212.13)*
11. Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94  
2) Large Missile Impact Test per FBC, TAS 201-94  
3) Small Missile Impact Test per FBC, TAS 201-94  
4) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
along with installation diagram of a single span EFCO S5600 – 8" deep outsize glazed aluminum curtain wall system 181-1/2" wide x 150" high, specimen # **6a (K)**, Glass types: **2, 4 & 5**, marked-up by Hurricane Test Laboratory, Inc. Test Report No. **HTL-0046-0816-01**, dated 8/21-23/01, signed and sealed by Vinu J. Abraham, P.E.  
*(Submitted under previous NOA# 05-1212.13)*

  
Manuel Perez, P.E.  
Product Control Examiner  
NOA No. 11-1027.21

Expiration Date: June 27, 2017  
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**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**B. TESTS (CONTINUED)**

12. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94  
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94  
3) Water Resistance Test, per FBC, TAS 202-94  
4) Large Missile Impact Test per FBC, TAS 201-94  
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
along with installation diagram of a single span EFCO S5600 – **6" deep** outsize glazed aluminum curtain wall system 181-1/2" wide x 112" high, specimen # **7 (L)**, Glass type: **5**, marked-up by Hurricane Test Laboratory, Inc. Test Report No. **HTL-0046-0816-01**, dated 8/21-22/01, signed and sealed by Vinu J. Abraham, P.E. *(Submitted under previous NOA# 05-1212.13)*
13. Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94  
2) Large Missile Impact Test per FBC, TAS 201-94  
3) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
along with installation diagram of a single span EFCO S5600 – **8" deep** outsize glazed aluminum curtain wall system 181-1/2" wide x 121-3/4" high, specimen # **1 (M)**, Glass type: **6a**, marked-up by Hurricane Test Laboratory, Inc. Test Report No. **HTL-0046-1004-01**, dated 10/17/01, signed and sealed by Vinu J. Abraham, P.E. *(Submitted under previous NOA# 05-1212.13)*

**C. CALCULATIONS:**

1. Anchor verification calculations and structural analysis, complying with FBC-2007 and 2010, dated 08/31/06, and revised and updated on 09/29/11, prepared by W.W. Schaefer Engineering & Consulting, P.A., signed and sealed by Warren W. Schaefer, P.E.
2. Glazing complies with ASTM E1300-04

**D. QUALITY ASSURANCE**

1. Miami-Dade Department of Permitting, Environment, and Regulatory Affairs (PERA).

**E. MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No. **11-0624.01** issued to **E.I. DuPont DeNemours & Co., Inc.** for their "**DuPont Butacite® PVB Interlayer**" dated 09/08/11, expiring on 12/11/16.
2. Notice of Acceptance No. **11-0325.05** " issued to Solutia, Inc. for their "Saflex and Vanceva clear and color interlayers" dated 05/05/11, expiring on 05/21/16

  
Manuel Perez, P.E.  
Product Control Examiner

NOA No. 11-1027.21

Expiration Date: June 27, 2017

Approval Date: February 16, 2012

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**F. STATEMENTS**

1. Statement letter of conformance, complying with FBC-2007 and FBC-2010, dated 09/28/11, signed and sealed by Warren W. Schaefer, P.E.
2. Statement letter of no financial interest, dated 09/28/11, signed and sealed by Warren W. Schaefer, P.E.
3. Laboratory compliance letter for Test Reports No. **HTL-0046-0413-01, HTL-0046-0517-01 & HTL-0046-0816-01** issued by Hurricane Test Laboratory, Inc., dated October 23, 2001, signed and sealed by Vinu J. Abraham, P.E.  
*(Submitted under previous NOA # 05-1212.13)*
4. Proposal No. **01-0092**, acceptance letter dated July 30, 2001, issued by this Office and signed by Jaime D. Gascon.  
*(Submitted under previous NOA # 05-1212.13)*

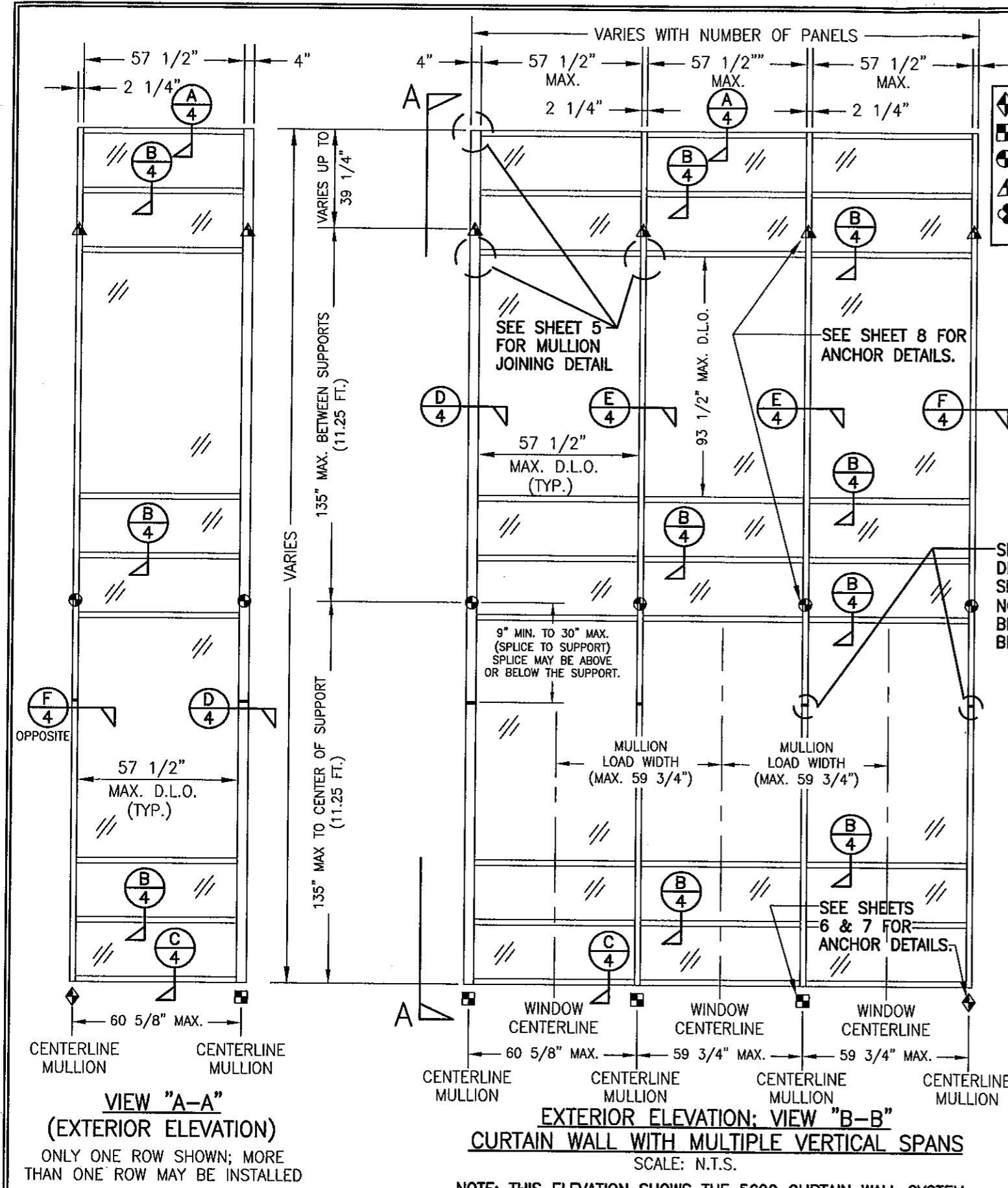
**G. OTHERS**

1. Notice of Acceptance No. **07-0305.07**, issued to EFCO Corporation for their Series 5600 – 7” Deep Frame - Aluminum Curtain Wall System – S.M.I., approved on 05/03/07 and expiring on 06/27/12.

  
Manuel Perez, P.E.

Product Control Examiner  
NOA No. 11-1027.21

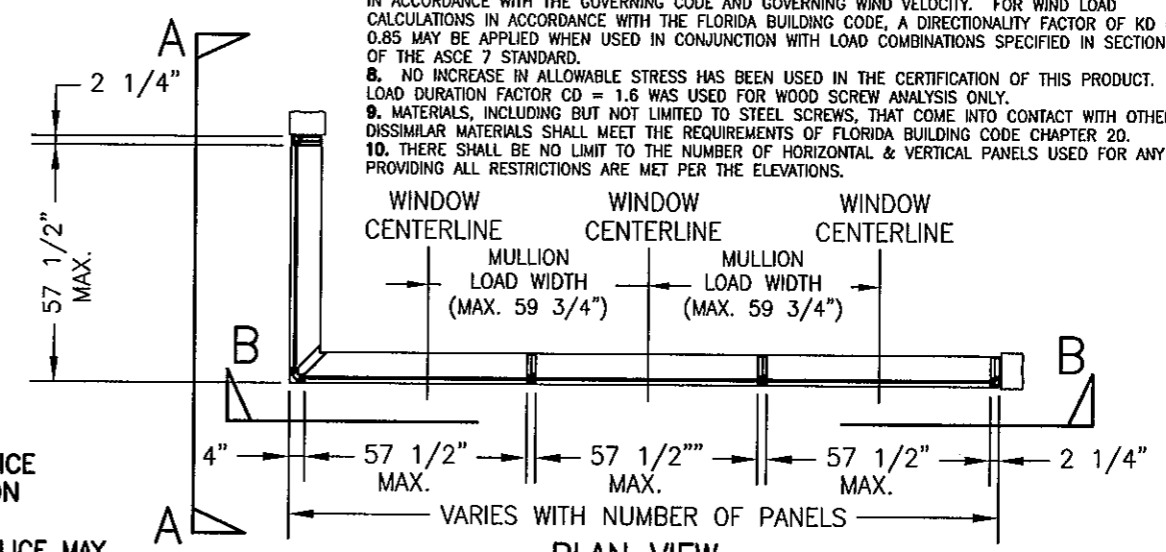
Expiration Date: June 27, 2017  
Approval Date: February 16, 2012



THESE DRAWINGS ARE APPLICABLE ONLY TO THE PRODUCT SPECIFIED. THEY MAY NOT BE USED FOR THE ASSEMBLY AND/OR INSTALLATION OF ANY OTHER PRODUCT NOR MAY THEY BE USED FOR RATIONAL AND/OR LOCAL APPROVAL OF ANY PRODUCT NOT PRODUCED BY THE MANUFACTURER STATED ON THESE DRAWINGS.

NOTE: THIS ELEVATION SHOWS THE 5600 CURTAIN WALL SYSTEM IN A MULTI-STORY APPLICATION. THE NUMBER OF FLOORS WITH WHICH THIS SYSTEM MAY BE USED RANGE FROM TWO(2) TO UNLIMITED WITH THE ONLY RESTRICTIONS BEING AS SHOWN ON THE SPAN BETWEEN FLOORS/SUPPORTS AND THE D.L.O. SIZE

- ◆ = F OR TF-ANCHOR
- = M OR TM-ANCHOR
- ⊕ = DEAD LOAD ANCHOR
- ▲ = WIND LOAD ANCHOR
- ⊗ = DOOR JAMB MULLION SHEAR BLOCK ANCHOR



**PLAN VIEW**  
CURTAIN WALL WITH MULTIPLE VERTICAL SPANS  
SCALE: 1/4"=1'-0"

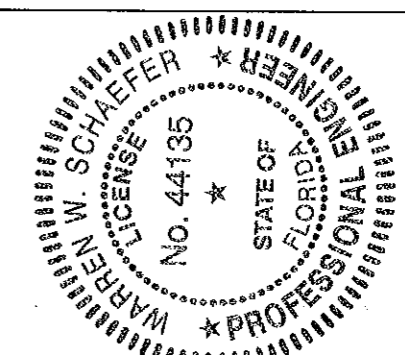
**"F", "TF", "M", "TM" & SHEAR BLOCK ANCHOR FASTENER REQUIREMENTS TABLE**

OPENING TYPE (SUBSTRATE)	ANCHOR TO OPENING FASTENER TYPE	NO. FASTENERS PER ANCHOR INTO SUBSTRATE		MINIMUM EMBED	EDGE DIST.
		SHEAR BLOCK ANCHORS	F, TF, M & TM ANCHORS		
MIN. 16 GA. 33 KSI METAL STUD	(1) NO. 14 SELF TAP/DRILLING SCREW	4	4	FULL	1/2"
MIN. 1/8" THK A36 STEEL	(1) NO. 14 SELF TAP/DRILLING SCREW	4	4	FULL	1/2"
MIN. 3000 PSI CONCRETE	(2) 3/8" ADHESIVE ANCHORS	N/A	4	3 1/2"	3"
MIN. 3000 PSI CONCRETE	(2) 1/2" ADHESIVE ANCHORS	2	N/A	4"	3"

- (1) SELF DRILLING/TAPPING SCREWS SHALL BE MIN. GR. 5 STEEL & BE COATED TO RESIST CORROSION & REACTIONS WITH DISSIMILAR MATERIALS.
- (2) ADHESIVE ANCHORS SHALL BE HILTI HVA ADHESIVE ANCHOR (A307, A36 OR ASTM A193 B7 STEEL OR 304/316 STAINLESS STEEL)

PRODUCT REVISED as complying with the Florida Building Code  
Acceptance No. 11-1027-21  
Expiration Date June 27, 2017  
By *Mamuel Puz*  
Miami/Dade Product Control

**ALLOWABLE DESIGN LOADS**  
SEE LOAD TABLES ON SHEETS 3



DRAWN BY: W.W.S.		CHECKED BY: W.W.S.	
PLOT: 1=48		DATE: 01/31/02	
DATE	BY	REVISION DESCRIPTION	NO.
04/07/03	K.P.S.	ADDED DOOR OPENING CONDITION & EDITED LOAD TABLES TO	A1
07/27/05	K.P.S.	INCORPORATE DOOR CONDITION UPDATE TO 2004 CODE	B1
09/30/11	W.R.M.	UPDATE TO CURRENT STANDARDS	C1

**DRAWING TITLE**  
7" DEEP SERIES 5600 SMALL MISSILE IMPACT CURTAIN WALL SYSTEM

**MANUFACTURER**  
EFCO CORPORATION  
1000 COUNTY ROAD, P.O. BOX 609  
MONETT, MO 65708-0609  
800-221-4169

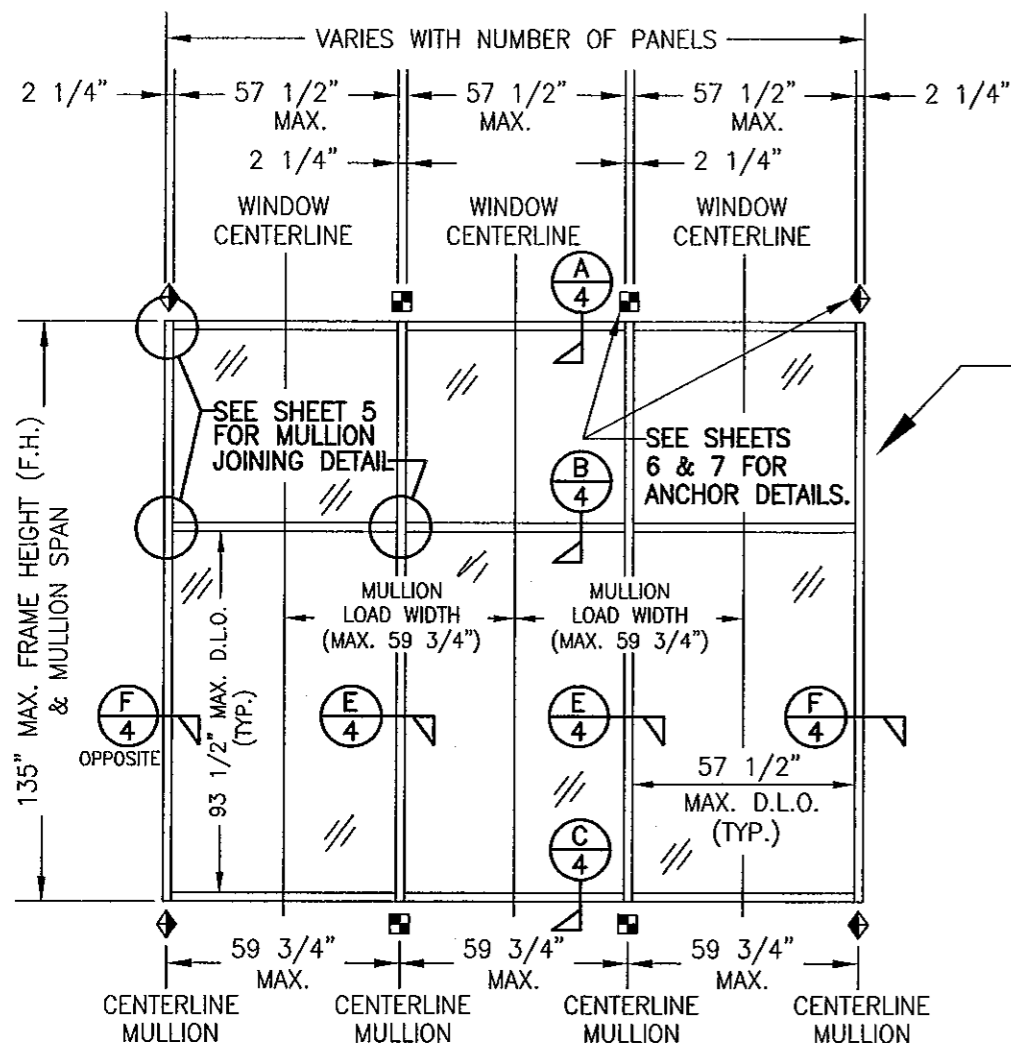
**CONSULTANTS**  
W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809)  
7480 150TH COURT NORTH  
PALM BEACH GARDENS, FL 33418  
PHONE: 561-744-3424

**CERTIFICATION**  
SEP 30 2011  
WARREN W. SCHAEFER, P.E.  
P.E. NO. 44135

**DRAWING NO.**  
1092

**REV.**  
C

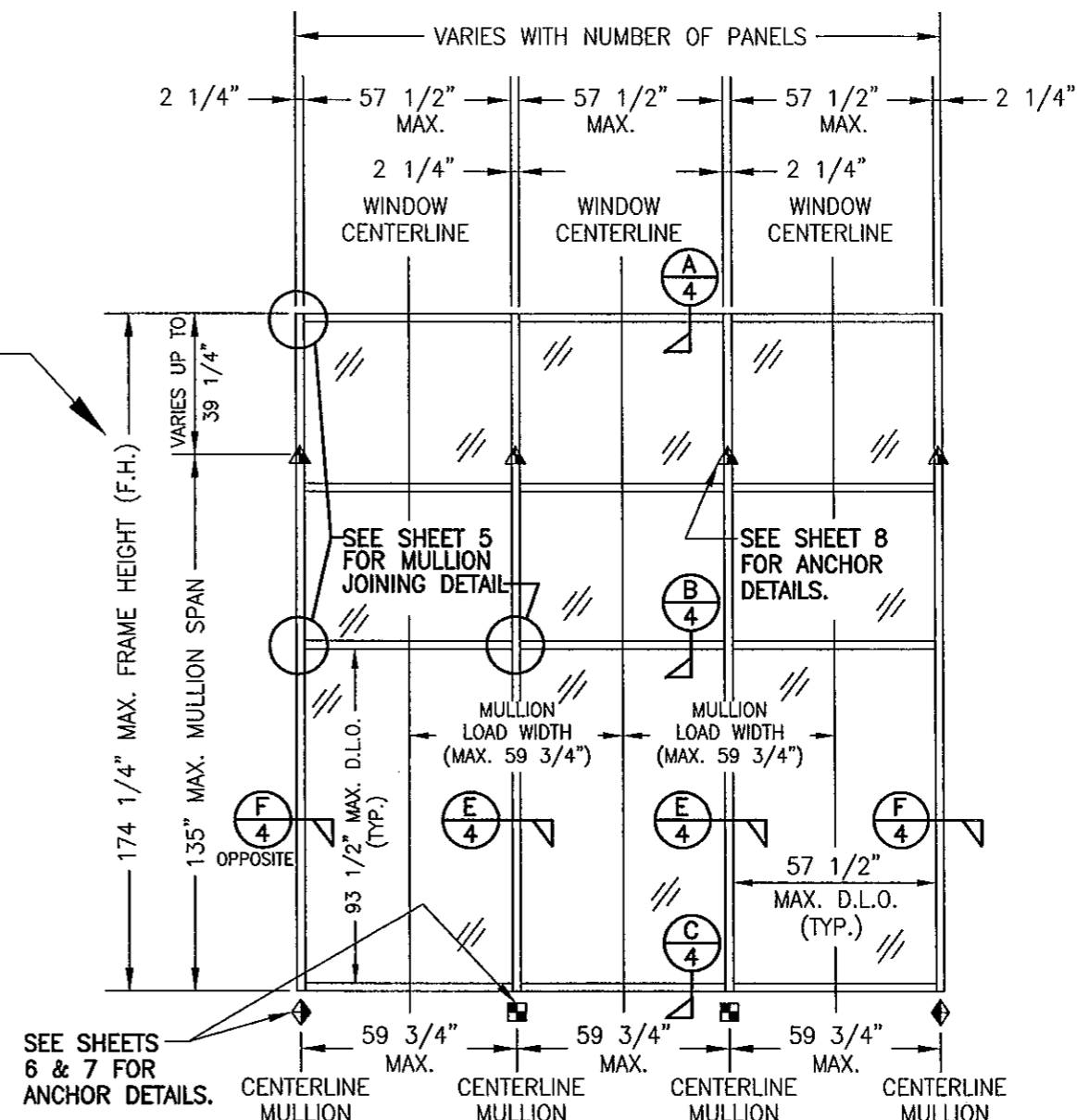
**SHEET NO.**  
1 OF 9



**EXTERIOR ELEVATION**  
**CURTAIN WALL WITH SINGLE VERTICAL SPAN**  
 SCALE: 1/4"=1'-0"

NOTE: THIS ELEVATION SHOWS THE 5600 CURTAIN WALL SYSTEM IN A SINGLE SPAN APPLICATION. ALL SINGLE SPAN APPLICATIONS ARE LIMITED BY EACH THE D.L.O. SIZES OF THE LIGHTS & THE HEIGHT/SPAN SHOWN. IF REQUIRED HEIGHT EXCEEDS THAT SHOWN IN THIS ELEVATION, THE SYSTEM MUST BE SUPPORTED AS TWO OR MORE SPANS PER THE MULTIPLE SPAN ELEVATION.

NOTE: THE ELEVATIONS ON THIS SHEET MAY HAVE A 90 DEGREE TURN AS SHOWN ON SHEET 1 ELEVATION OF THE MULTI-SPAN SYSTEM. REF. VIEW "A-A" ON SHEET 1 FOR DETAIL.

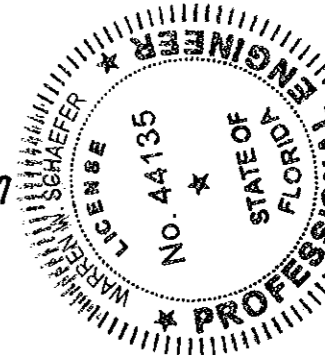


**EXTERIOR ELEVATION; CURTAIN WALL**  
**WITH SINGLE VERTICAL SPAN AND CANTELEVER**  
 SCALE: 1/4"=1'-0"

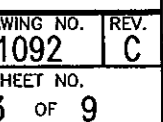
NOTE: THIS ELEVATION SHOWS THE 5600 CURTAIN WALL SYSTEM IN A SINGLE SPAN APPLICATION. ALL SINGLE SPAN APPLICATIONS ARE LIMITED BY EACH THE D.L.O. SIZES OF THE LIGHTS & THE HEIGHT/SPAN SHOWN. IF REQUIRED HEIGHT EXCEEDS THAT SHOWN IN THIS ELEVATION, THE SYSTEM MUST BE SUPPORTED AS TWO OR MORE SPANS PER THE MULTIPLE SPAN ELEVATION.

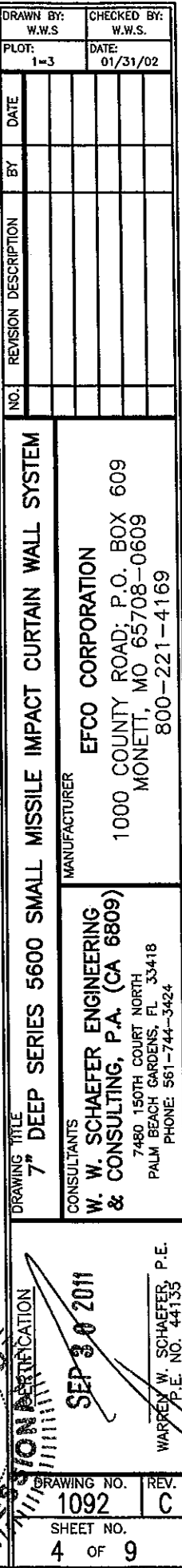
- ◆ = F OR TF-ANCHOR
- = M OR TM-ANCHOR
- = DEAD LOAD ANCHOR
- ▲ = WIND LOAD ANCHOR
- ⊙ = DOOR JAMB MULLION SHEAR BLOCK ANCHOR

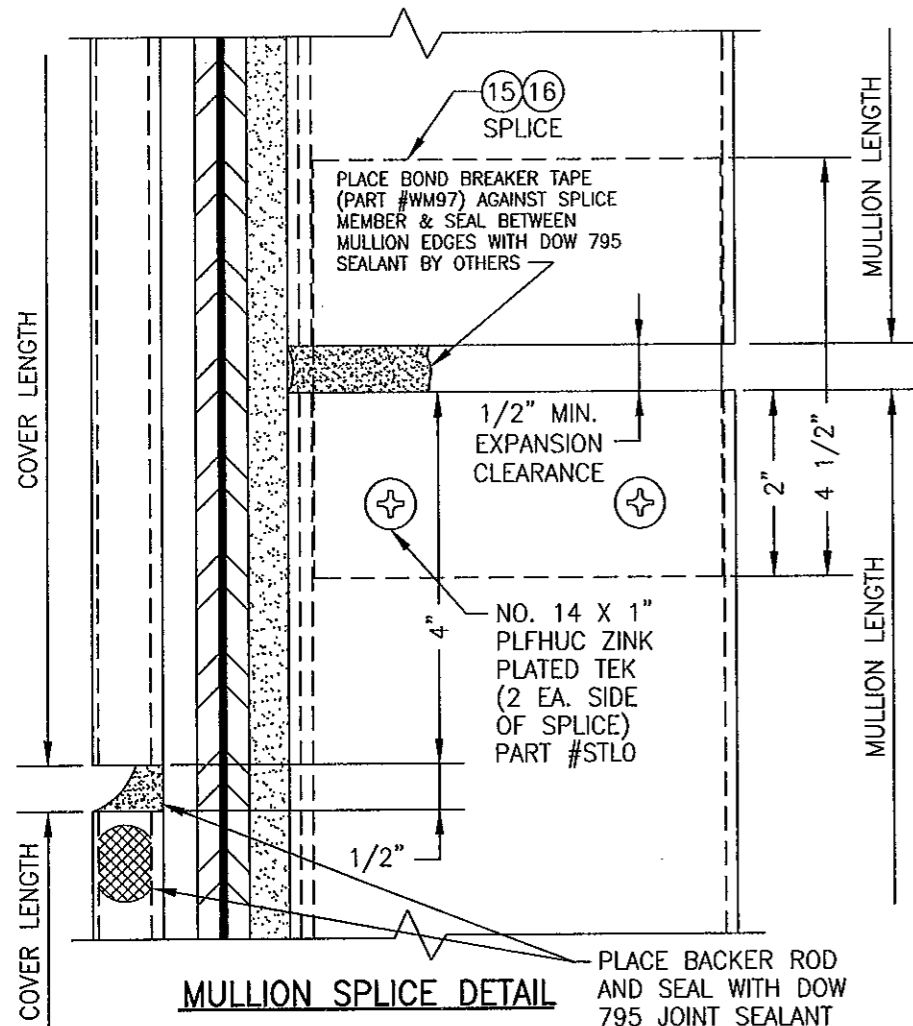
PRODUCT REVISED  
 as complying with the Florida  
 Building Code  
 Acceptance No. 11-1027-21  
 Expiration Date JUNE 27, 2017  
 By *Manuel*  
 Miami Trade Product Control



DRAWN BY: W.W.S.		CHECKED BY: W.W.S.	
PLOT: 1-48		DATE: 01/31/02	
NO.	REVISION	DESCRIPTION	DATE
DRAWING TITLE: 7" DEEP SERIES 5600 SMALL MISSILE IMPACT CURTAIN WALL SYSTEM			
CONSULTANTS:		MANUFACTURER:	
W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809)		EFCO CORPORATION	
7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424		1000 COUNTY ROAD; P.O. BOX 609 MONETT, MO 65708-0609 800-221-4169	
DRAWING NO. 1092		REV. C	
SHEET NO. 2 OF 9			

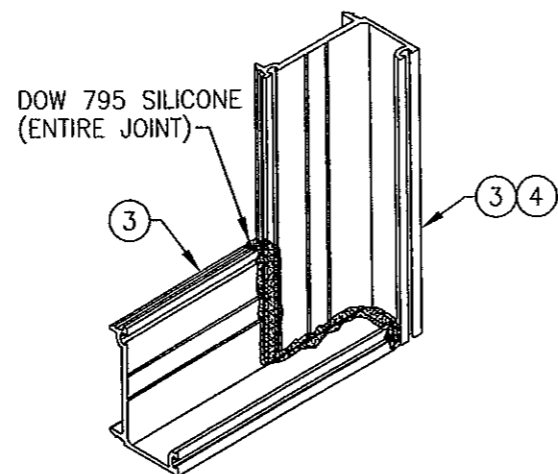






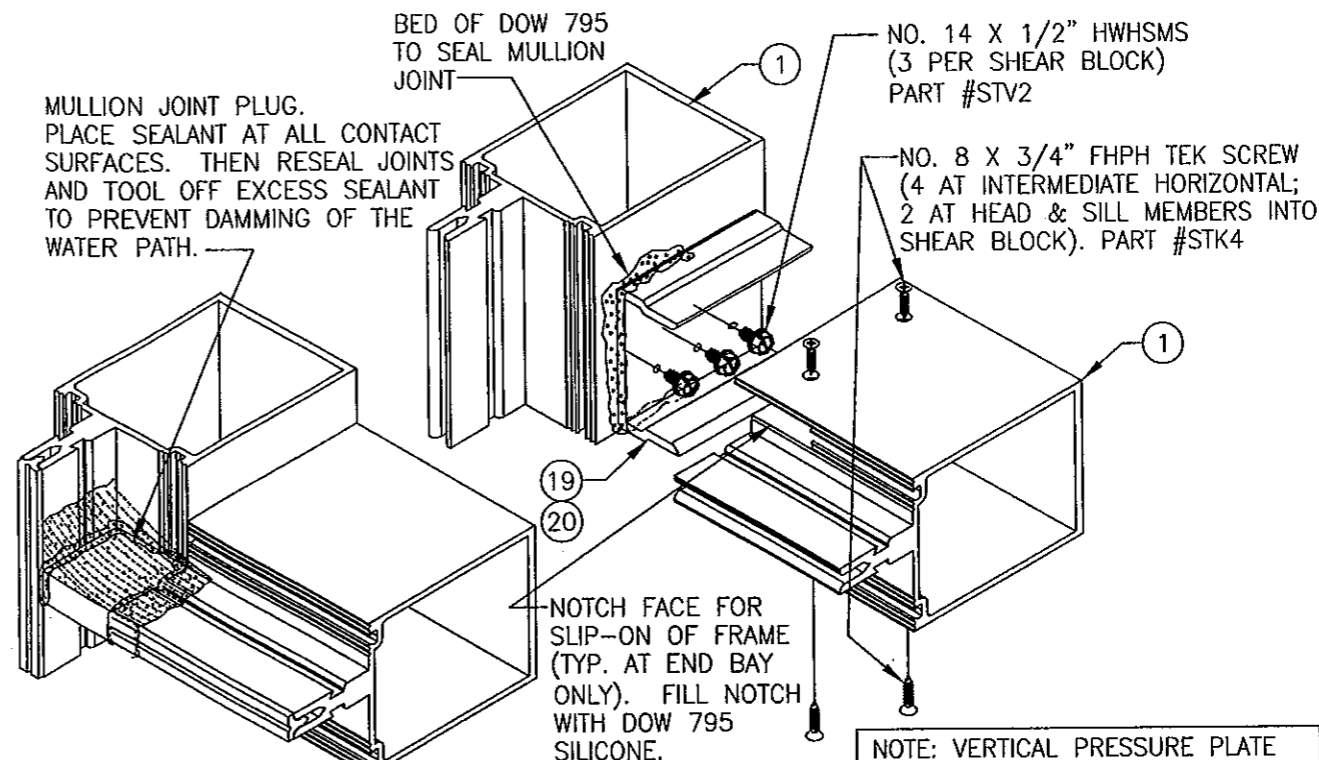
PLACE BACKER ROD AND SEAL WITH DOW 795 JOINT SEALANT

CLOSE TONGUE GAP WITH MULLION JOINT PLUG. PLACE SEALANT AT ALL CONTACT SURFACES. THEN RESEAL JOINTS AND TOOL OFF EXCESS SEALANT TO PREVENT DAMMING OF THE WATER PATH (SEE HORIZONTAL MID MULLION JOINT DETAIL FOR PLUG APPLICATION NOT SHOWN).

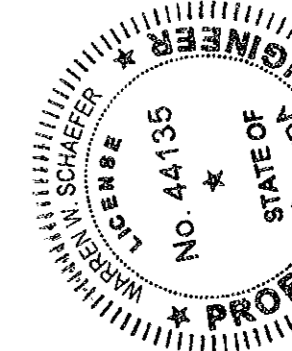
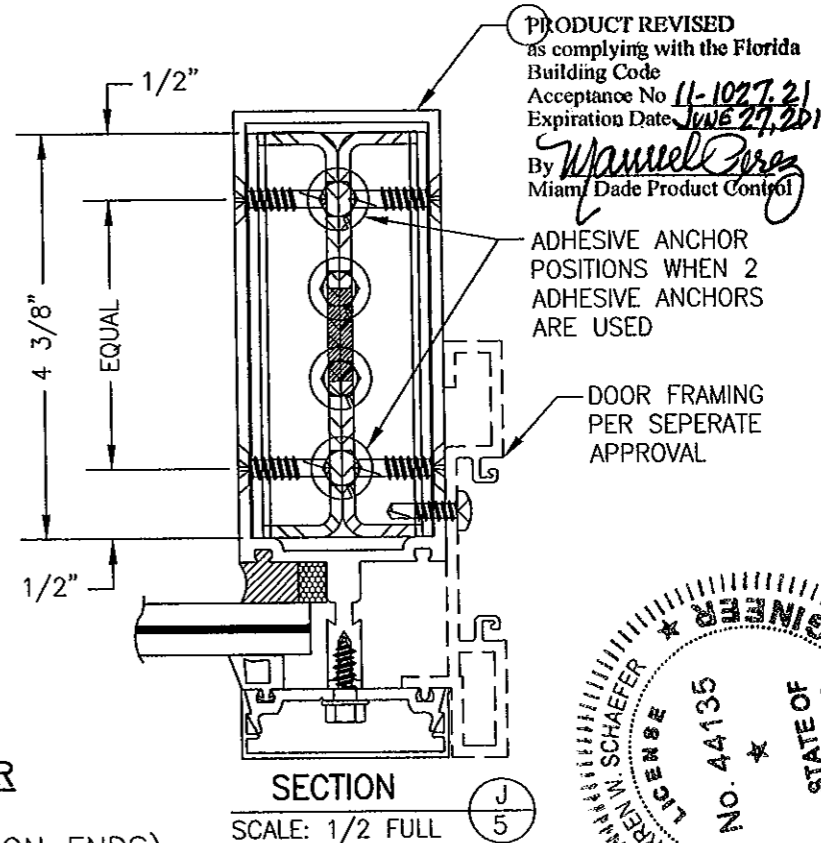
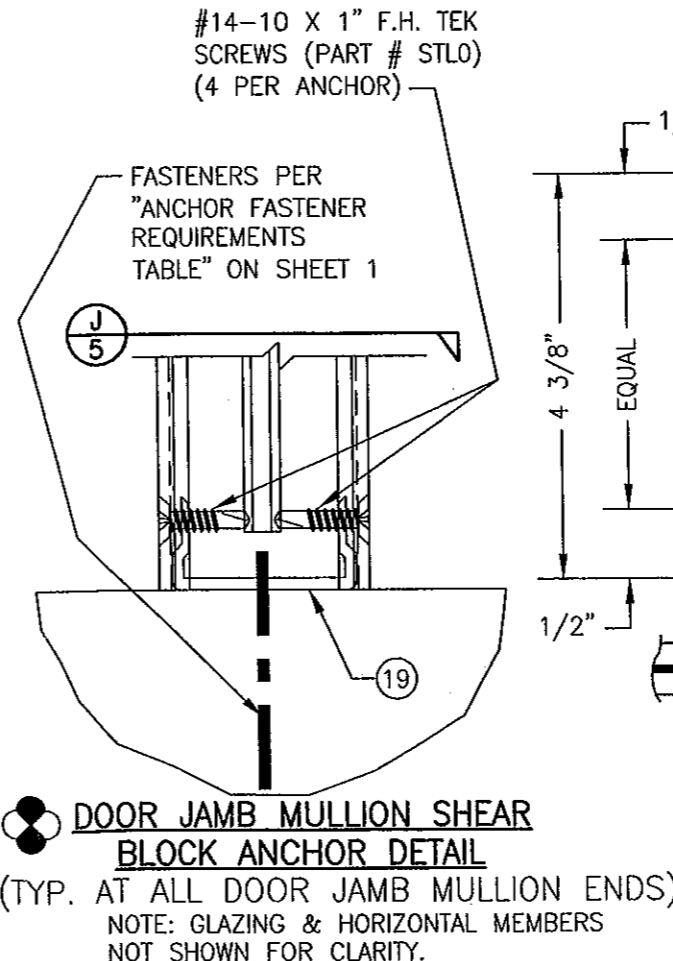
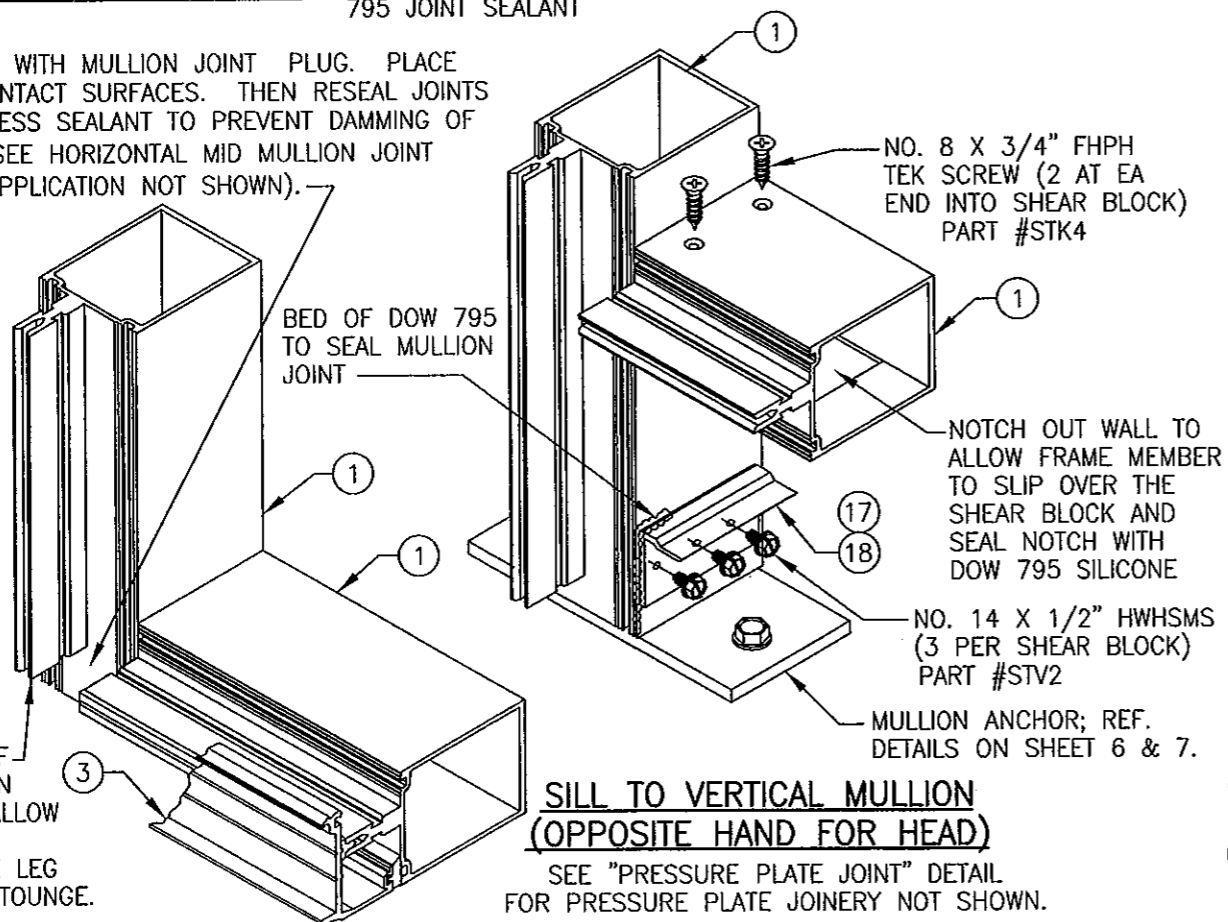


**PRESSURE PLATE JOINT (TYP. AT CORNERS)**

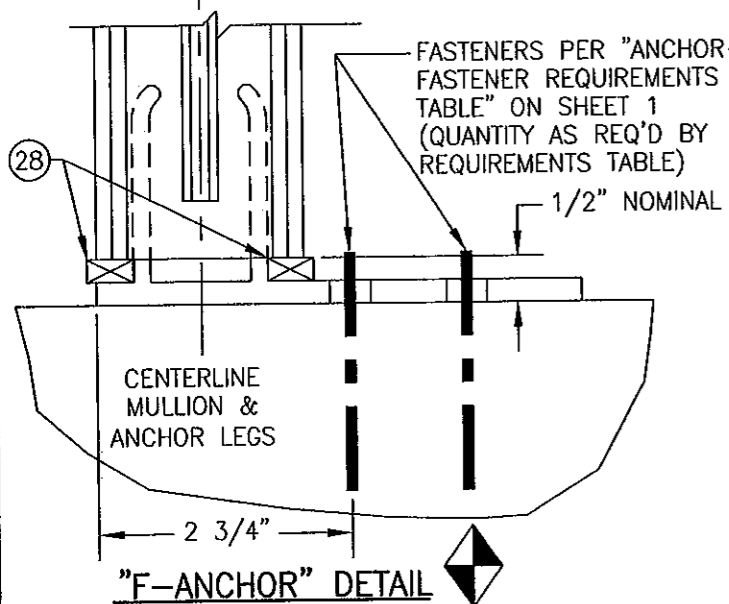
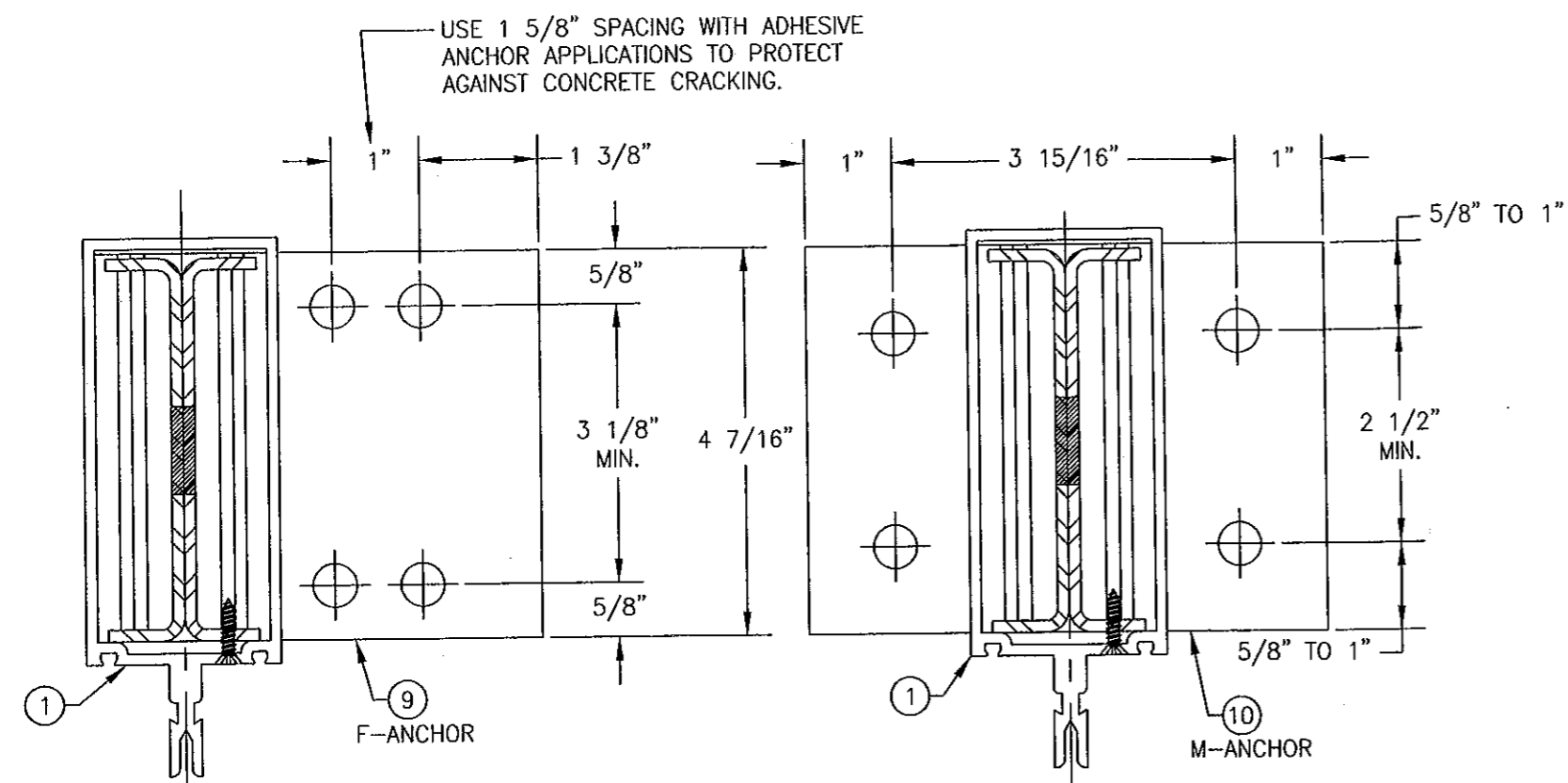
SIMILAR AT MID MULLION ENDS EXCEPT THAT THE HORIZONTAL PRESSURE PLATES SEAM TOGETHER AT THE MULLION CENTERLINE WITH A 1/8" SEAM SEALED WITH DOW 795 SILICONE.



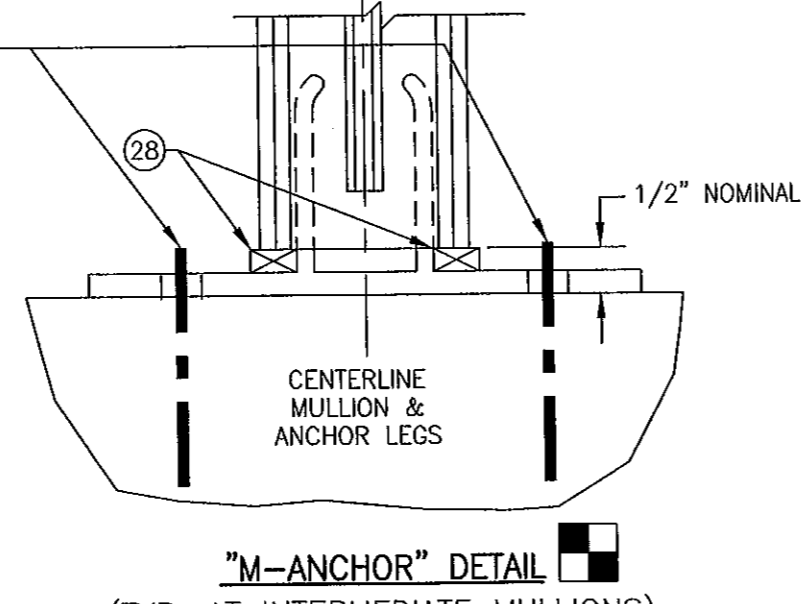
NOTE: VERTICAL PRESSURE PLATE IS CONTINUOUS WITH HORIZONTAL PRESSURE PLATES BUTTING AGAINST THE VERTICAL AND SEALED AT SEAM WITH DOW 795 SILICONE (PRESSURE PLATES NOT SHOWN FOR CLARITY).



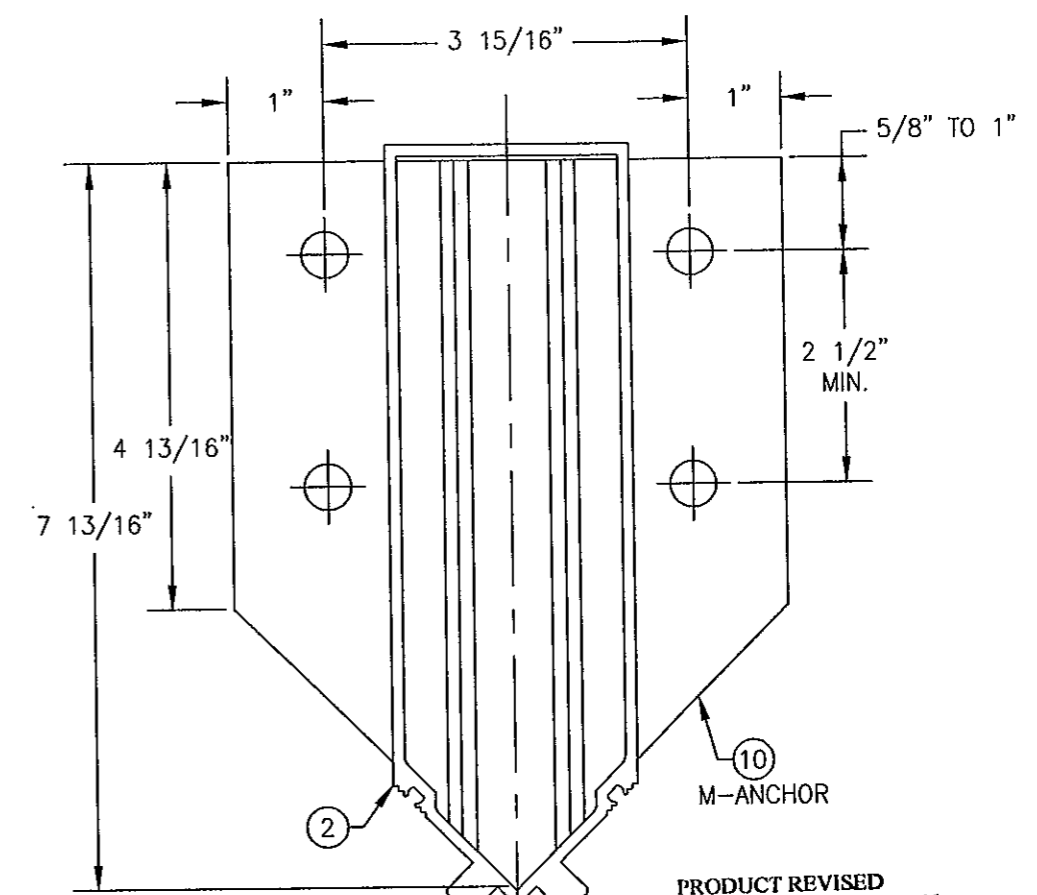
DRAWN BY: W.W.S.	CHECKED BY: W.W.S.
PLOT: 1=2	DATE: 01/31/02
DATE	BY
REVISION DESCRIPTION	NO.
<b>DRAWING TITLE</b> 7" DEEP SERIES 5600 SMALL MISSILE IMPACT CURTAIN WALL SYSTEM	
<b>MANUFACTURER</b> EFCC CORPORATION 1000 COUNTY ROAD, P.O. BOX 609 MONETT, MO 65708-0609 800-221-4169	
<b>CONSULTANTS</b> W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809) 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE 561-744-3424	
<b>PRODUCT REVISED</b> as complying with the Florida Building Code Acceptance No. 11-1027.21 Expiration Date JUNE 27, 2017 By <i>Manuel Perez</i> Miami Dade Product Control	
<b>DRAWING NO.</b> 1092	
<b>REV.</b> C	
<b>SHEET NO.</b> 5 OF 9	



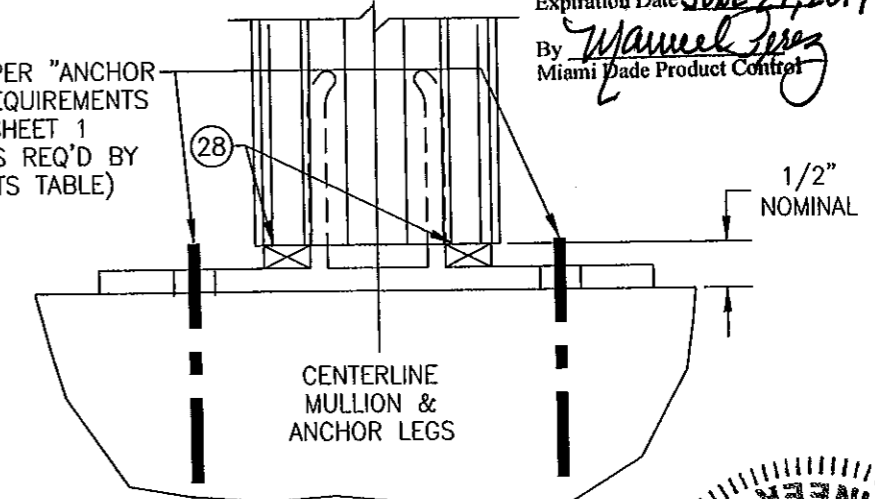
(TYP. AT SIDE JAMB MULLIONS)  
NOTE: GLAZING & HORIZONTAL MEMBER NOT SHOWN FOR CLARITY.



(TYP. AT INTERMEDIATE MULLIONS)  
NOTE: GLAZING & HORIZONTAL MEMBERS NOT SHOWN FOR CLARITY.

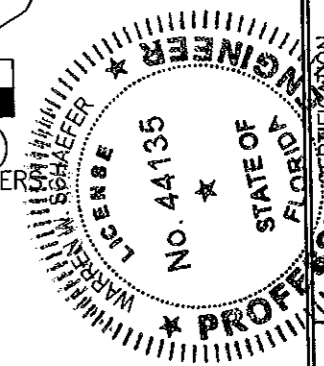


FASTENERS PER "ANCHOR FASTENER REQUIREMENTS TABLE" ON SHEET 1 (QUANTITY AS REQ'D BY REQUIREMENTS TABLE)

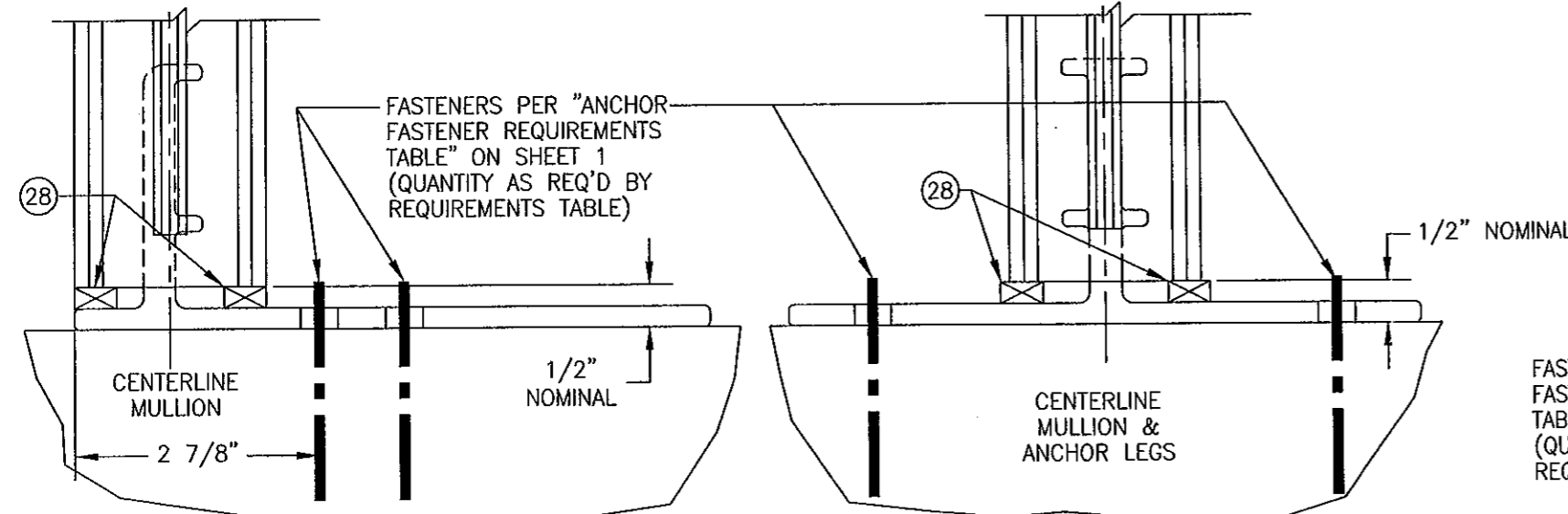
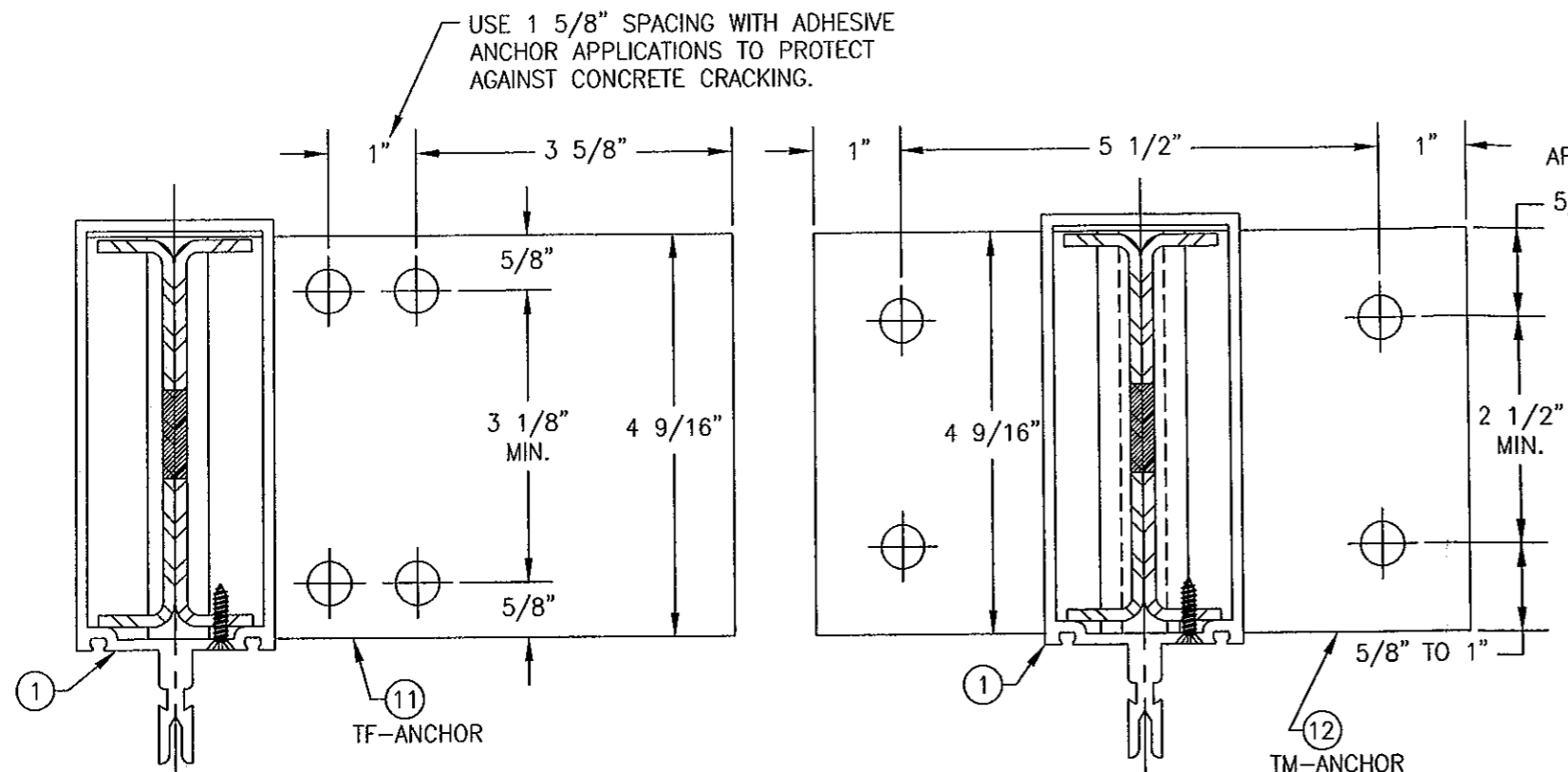


(TYP. AT CORNER MULLIONS)  
NOTE: GLAZING & HORIZONTAL MEMBER NOT SHOWN FOR CLARITY.

PRODUCT REVISED as complying with the Florida Building Code  
Acceptance No. 11-1027-21  
Expiration Date JUNE 21, 2017  
By *Manuel Perez*  
Miami Trade Product Control

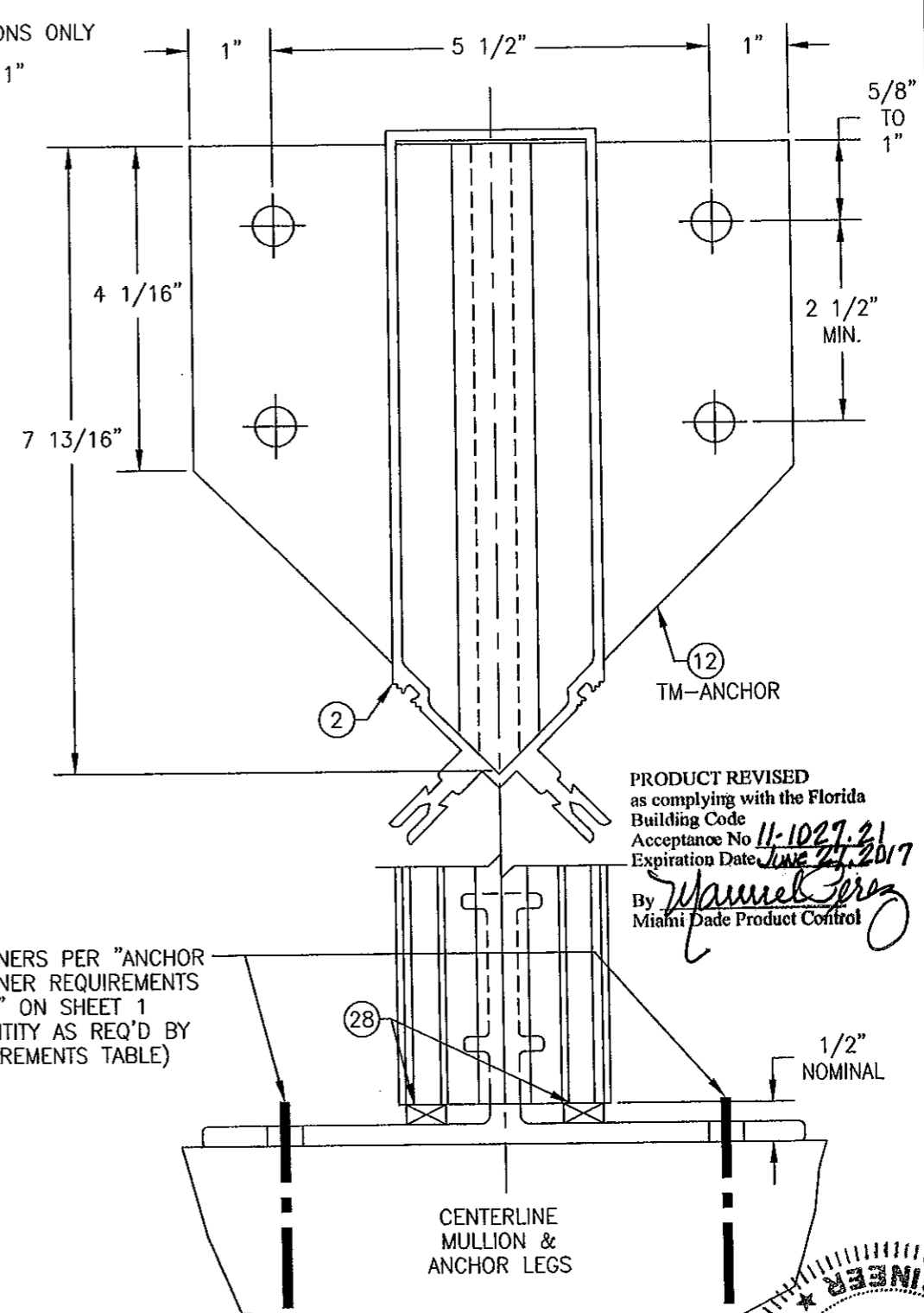


DRAWN BY: W.W.S.		CHECKED BY: W.W.S.	
PLOT: 1-2		DATE: 01/31/02	
NO.	REVISION DESCRIPTION	DATE	BY
DRAWING TITLE: 7" DEEP SERIES 5600 SMALL MISSILE IMPACT CURTAIN WALL SYSTEM			
CONSULTANTS: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809)		MANUFACTURER: EFCO CORPORATION	
7480 150TH COURT NORTH, PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424		1000 COUNTY ROAD, P.O. BOX 609 MONETT, MO 65708-0609 800-221-4169	
DRAFTING: W. W. SCHAEFER		DATE: SEP 20 2011	
DRAWING NO. 1092		REV. C	
SHEET NO. 6 OF 9			



**"TF-ANCHOR" DETAIL**  
(TYP. AT SIDE JAMB MULLIONS)  
NOTE: GLAZING & HORIZONTAL MEMBER NOT SHOWN FOR CLARITY.

**"TM-ANCHOR" DETAIL**  
(TYP. AT INTERMEDIATE MULLIONS)  
NOTE: GLAZING & HORIZONTAL MEMBERS NOT SHOWN FOR CLARITY.



**"TM-ANCHOR" DETAIL**  
NOTE: GLAZING & HORIZONTAL MEMBERS NOT SHOWN FOR CLARITY.  
(TYP. AT CORNER MULLIONS)

DRAWN BY: W.W.S.		CHECKED BY: W.W.S.	
PLOT: 1=2		DATE: 01/31/02	
NO.	REVISION	DESCRIPTION	DATE
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**DRAWING TITLE**  
7" DEEP SERIES 5600 SMALL MISSILE IMPACT CURTAIN WALL SYSTEM

**CONSULTANTS**  
W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809)  
7480 150TH COURT NORTH  
PALM BEACH GARDENS, FL 33418  
PHONE: 561-744-3424

**MANUFACTURER**  
EFCO CORPORATION  
1000 COUNTY ROAD, P.O. BOX 609  
MONETT, MO 65708-0609  
800-221-4169

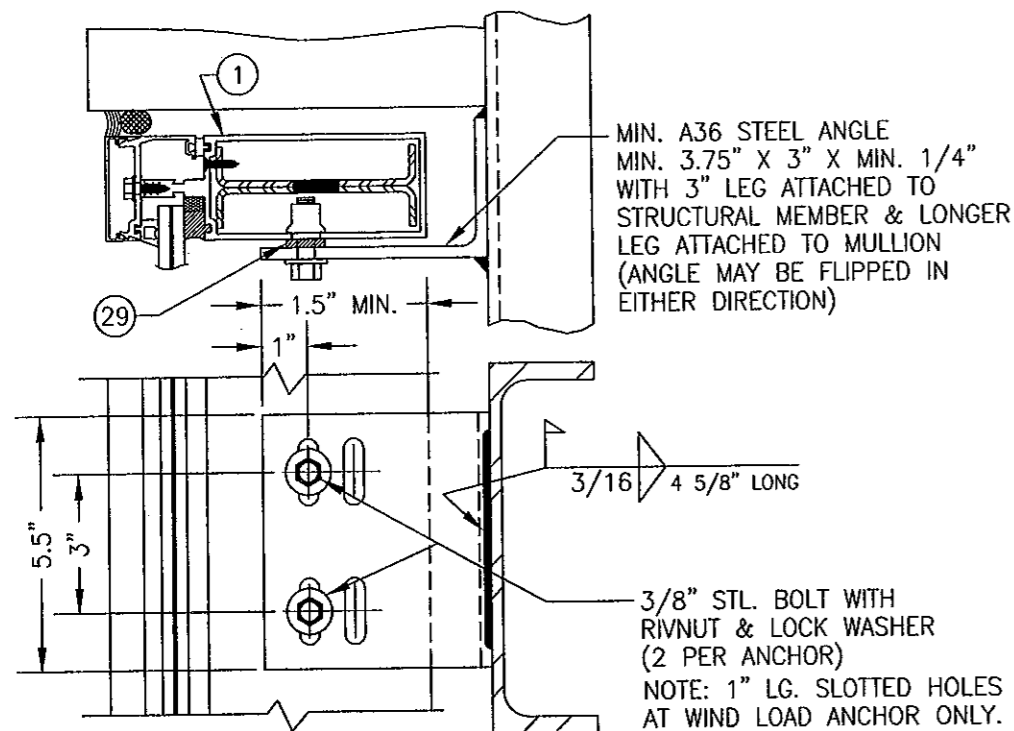
**PRODUCT REVISED**  
as complying with the Florida Building Code  
Acceptance No 11-1027-21  
Expiration Date June 21, 2017  
By *Mamuel Perez*  
Miami Dade Product Control

**STATE OF FLORIDA**  
WARREN W. SCHAEFER  
P.E. NO. 44135  
SEP 30 2011

**DRAWING NO.**  
1092

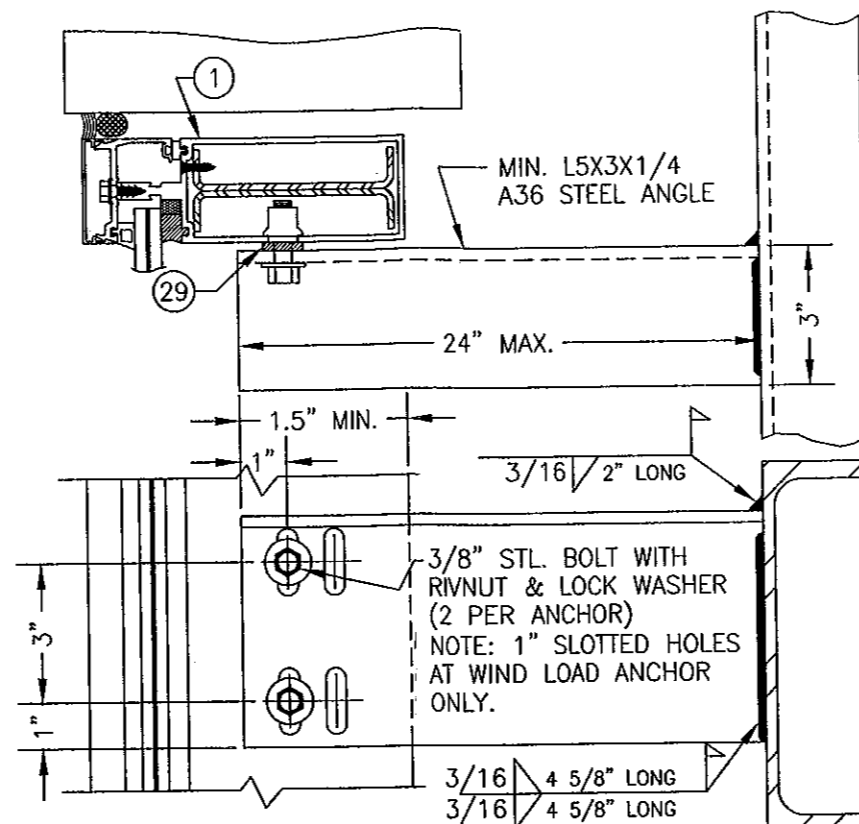
**REV.**  
C

**SHEET NO.**  
OF 9



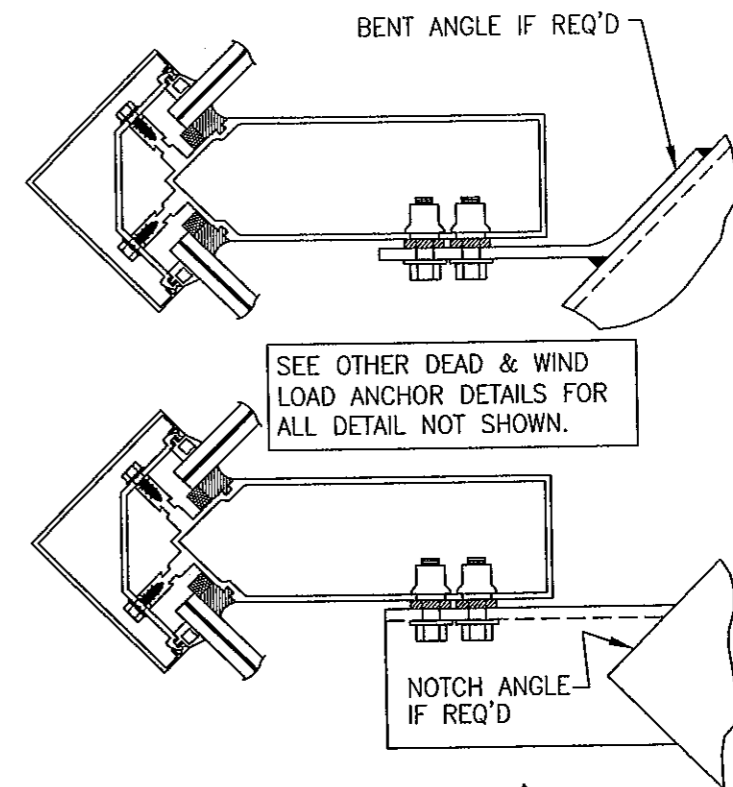
**DEAD LOAD & WIND LOAD ANCHOR DETAIL**  
(TYP. AT JAMB MULLIONS)

(WIND LOAD ANCHOR HAS 1" LONG SLOTS FOR VERTICAL MOVEMENT)

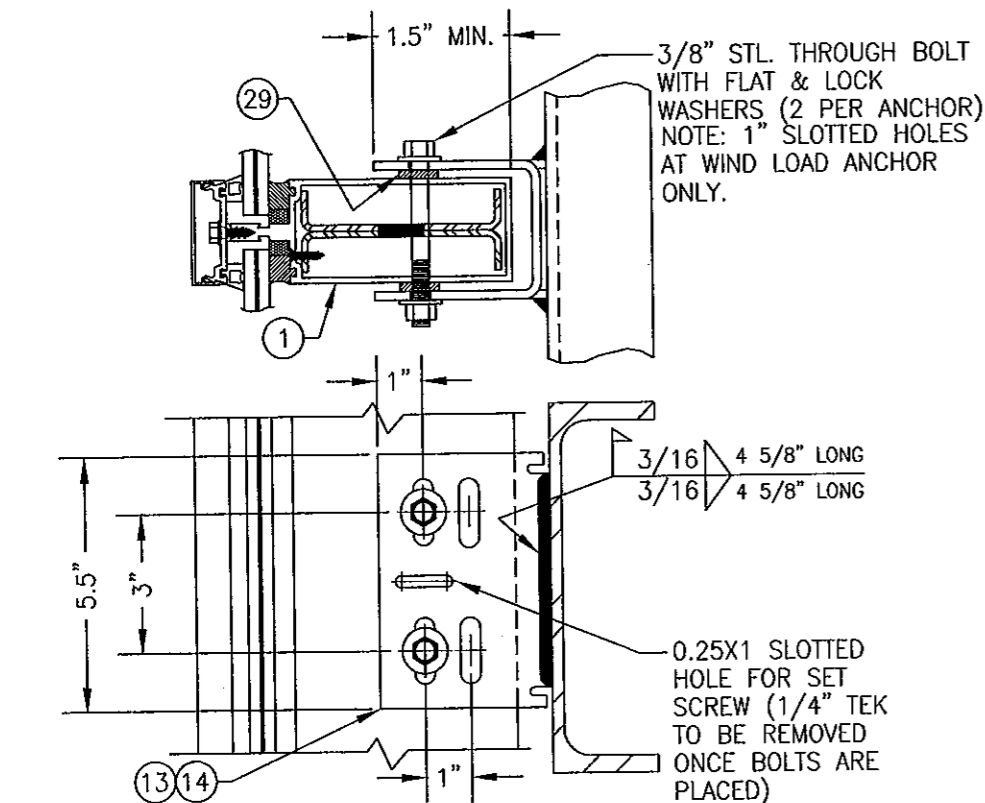


**EXTENDED DEAD LOAD & WIND LOAD ANCHOR DETAIL**  
(TYP. AT JAMB MULLIONS)

(WIND LOAD ANCHOR HAS 1" LONG SLOTS FOR VERTICAL MOVEMENT)



**DEAD LOAD & WIND LOAD ANCHOR DETAIL**  
(TYP. AT CORNER MULLS)

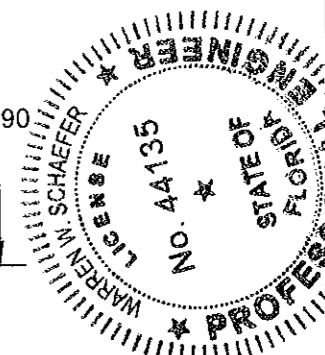
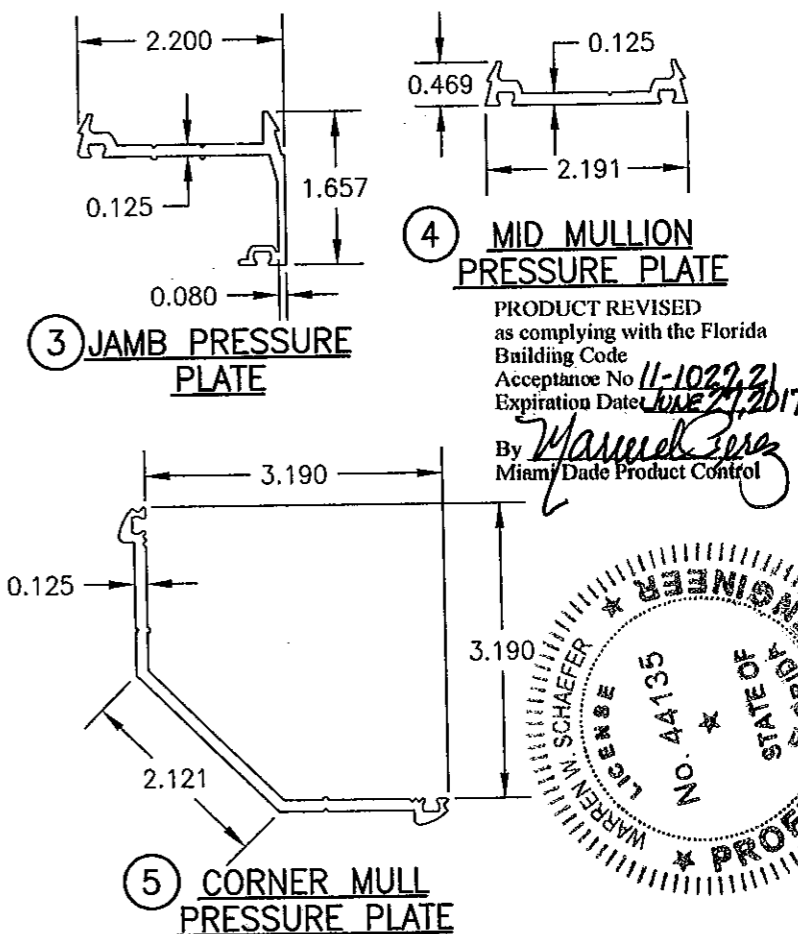
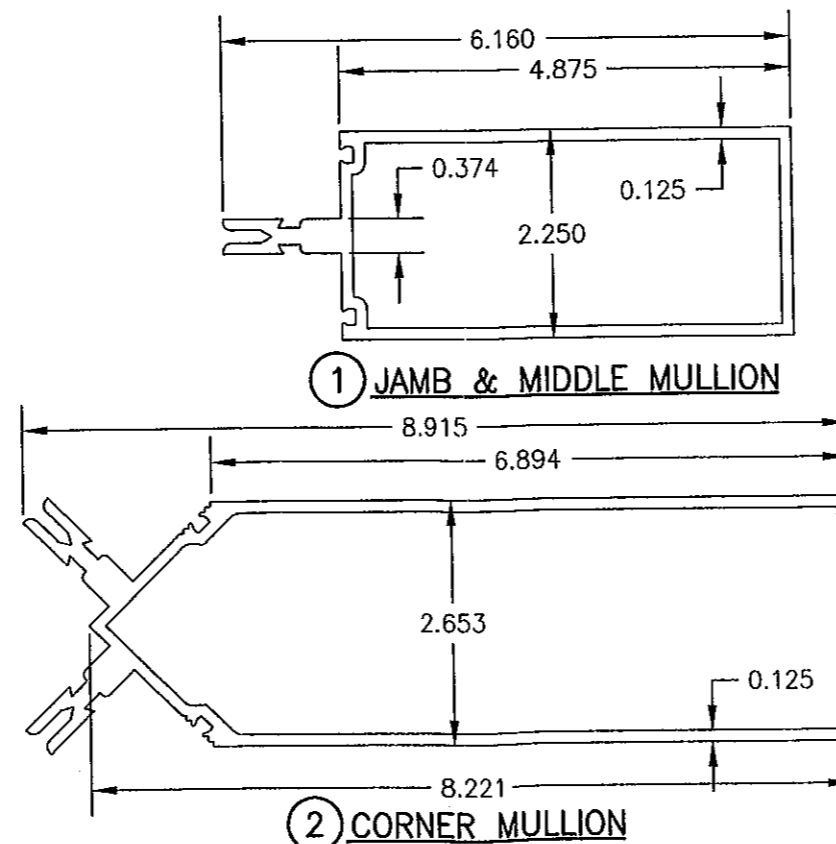


DEAD & WIND LOAD ANCHOR

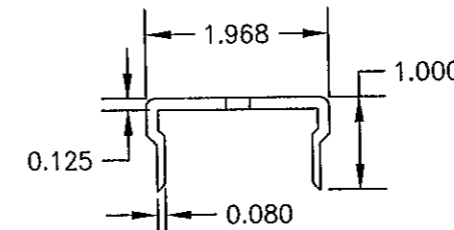
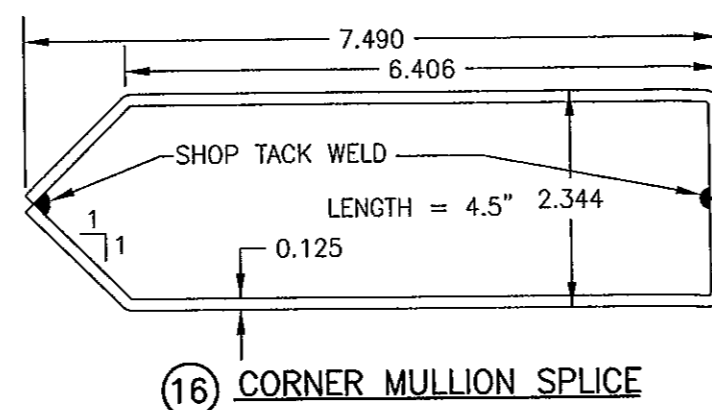
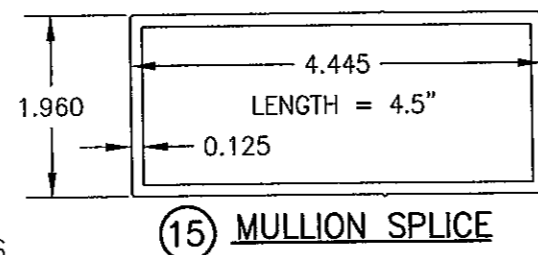
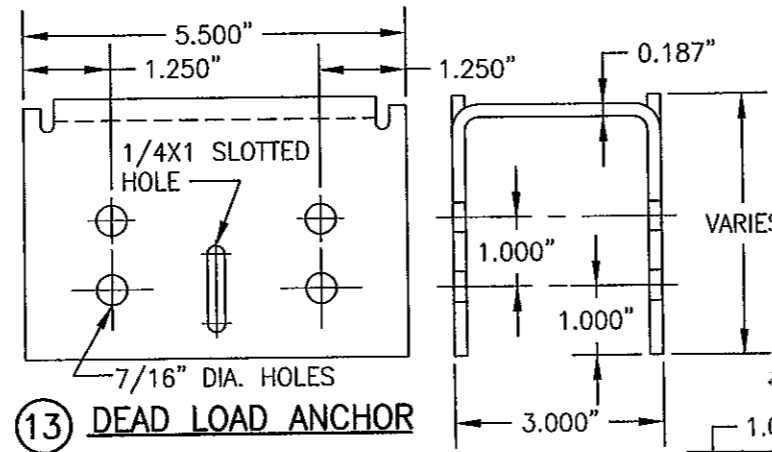
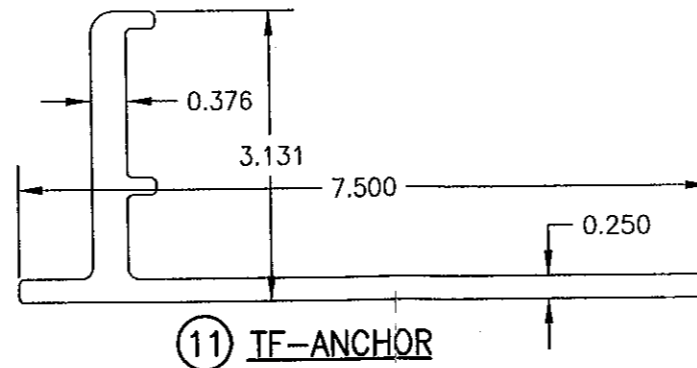
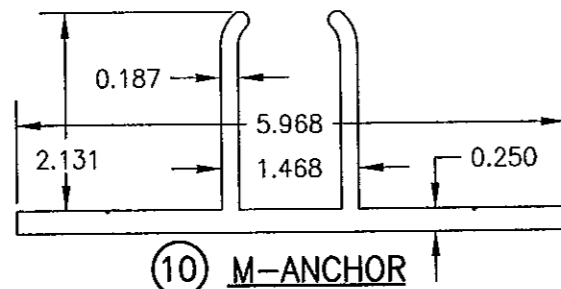
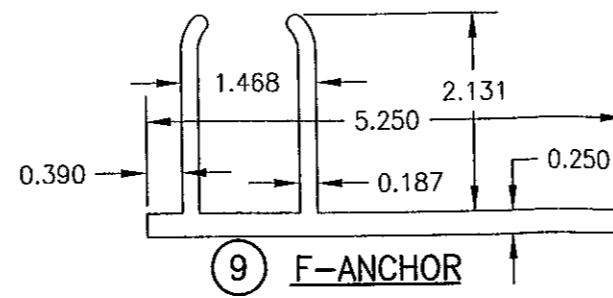
**DEAD LOAD & WIND LOAD ANCHOR DETAIL**  
(TYP. AT INTERMEDIATE MULLIONS)

(WIND LOAD ANCHOR HAS 1" LONG SLOTS FOR VERTICAL MOVEMENT)

NOTE: DEAD LOAD & WIND LOAD ANCHOR DETAILS  
ARE SAME AT CORNER MULLION.



DRAWN BY: W.W.S.	CHECKED BY: W.W.S.
PLOT: 1=2	DATE: 01/31/02
DATE	BY
REVISION DESCRIPTION	NO.
DRAWING TITLE 7" DEEP SERIES 5600 SMALL MISSILE IMPACT CURTAIN WALL SYSTEM	
MANUFACTURER EFCO CORPORATION 1000 COUNTY ROAD: P.O. BOX 609 MONETT, MO 65708-0609 800-221-4169	
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809) 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424	
DRAWING TITLE 7" DEEP SERIES 5600 SMALL MISSILE IMPACT CURTAIN WALL SYSTEM	
DATE SEP 30 2011	
DRAWING NO. 1092	
SHEET NO. 8 OF 9	



0.376"

0.578"

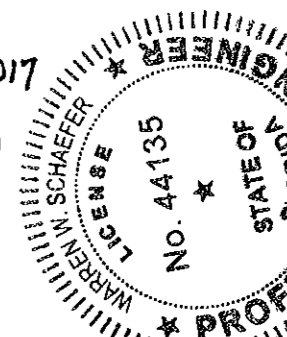
0.067"

0.156"

22A EXTERIOR DRY GLAZING BEAD



PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 11-1027-21  
Expiration Date JUNE 24, 2011  
By Marcus Perez  
Miami Dade Product Control

[illegible]